

Material Safety Data Sheet

Section I – Product/Company Identification

Trade Name: ACCULAP™ Synthetic Optical Pitch
Chemical Name: Hydrocarbon Resin
Manufacturer's Name: Sutton Scientifics, Inc..
Address: 246 W. College Street, Star, NC 27356
Emergency and Information Telephone Number: 910-428-1600
Revision Date: MARCH 4, 2005

Section II – Composition Information on Ingredients

(Typical composition is given and it may vary. A certificate of analysis can be provided.)

<u>Weight %</u>	<u>Component</u>
70 – 100%	hydrocarbon polymer
0 – 30%	residual additives, modifiers, colorants, reactants and/or impurities

Section III – Hazardous Ingredients/Identity Information

CAUTION!
MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS

HMIS® Hazard Ratings: Health – 1, Flammability – 1, Chemical Reactivity – 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in the MSDS must be considered.

Section IV – First-aid Measures

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Eyes: If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.
Skin: If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention.
Ingestion: Seek medical advice.
Note to Physicians: Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

Section V – Fire Fighting Measures

Extinguishing Media: water spray, dry chemical

Special Fire-Fighting Procedures: wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: carbon dioxide, carbon monoxide

Unusual Fire and Explosion Hazards: Powdered material may form explosive dust-air mixtures.

Section VI – Accidental Release Measures

Sweep or scoop up and remove.

Section VII – Handling and Storage

Personal Precautionary Measures: Avoid contact with molten material

Prevention of Fire and Explosion: Keep from contact with oxidizing materials. Minimize dust generation and accumulation. IN the United States of America, refer to NFPA® Pamphlet No. 654, “Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries.”

Storage: Keep container closed.

Section VIII – Exposure Controls/Personal Protection

Country specific exposure limits have not been established or are not applicable unless listed below.

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, mechanical generation of dusts, heating, drying, etc.

Respiratory Protection: If engineering controls do not maintain airborne concentrations to an acceptable level, and approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Dust, organic vapor.

Eye Protection: Wear a face shield when working with molten material.

Recommended Decontamination Facilities: Eye bath, washing facilities

Section IX – Physical and Chemical Properties

Physical Form: Solid (flake)

Color: Colorless

Odor: hydrocarbon

Specific Gravity: 1.05

Softening Point: 80° C

Solubility in Water: Negligible

Thermal Decomposition Temperature: Thermal stability not tested. Low stability hazard expected at normal operating temperatures.

Section X – Stability and Reactivity

Stability: Stable
Incompatibility: Material reacts with strong oxidizing agents.
Hazardous Polymerization: Will not occur.

Section XI – Toxicological Information

Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.

Section XII – Ecological Information

Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.

Section XIII – Disposal Considerations

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate.

Section XIV – Transport Information

Marine pollutant components: Non unless listed below
DOT (USA): Class not regulated
TDG (Canada): Class not regulated
ICAO Status: Class not regulated
IMDG Status: Class not regulated

Section XV – Regulatory Information

WHMIS (Canada) Status: noncontrolled

Carcinogenicity Classification (components present at 0.1% or more): none, unless listed below

TSCA (US Toxic Substances Control Act): All components of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): All components of this product are listed on the DSL. Any impurities present in this product are exempt from listing.

EINECS (European Inventory of Existing Commercial Chemical Substances): All components of this product are listed on EINECS. Any polymer present in this product has regulatory clearance under Directives of the European Union.

AICS / NICAS (Australian Inventory of Chemical Substances and National Industrial Chemicals notification and Assessment Scheme): All components of this product are listed on AICS or otherwise comply with NICNAS

Section XVI – Other Information

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials the safety and health of employees and customers, and the protection of the environment.